

**To:** Cristiano, Gina[Cristiano.Gina@epa.gov]  
**Cc:** Suzanne Paschke[spaschke@usgs.gov]  
**From:** Kimbrough, Robert  
**Sent:** Sat 8/8/2015 2:02:18 PM  
**Subject:** RE: WA with USGS - Re: Animas spill

Gina,

I'd like to request some information that would help in our analysis. Can you provide the location coordinates of the wastewater release (I assume that would be the Gold King Mine) and the date and time of the release.

Thanks,  
Bob

On Aug 8, 2015 7:50 AM, "Kimbrough, Robert" <[rakimbro@usgs.gov](mailto:rakimbro@usgs.gov)> wrote:

Gina,

Our technician in Durango will be visiting the Cement Creek gage today to check it's calibration and to look for a high water mark left by the spike in flow. I will use the results of their visit to further refine our estimate of the total volume of water contained in the spike in flow that was recorded by the gage. I will send you the results as soon as possible.  
Bob

On Aug 7, 2015 7:34 PM, "Cristiano, Gina" <[Cristiano.Gina@epa.gov](mailto:Cristiano.Gina@epa.gov)> wrote:

Bob thank you again for talking with me this evening and running through the stream gauge info available on your website. We are very interested in USGS providing an interpretation of this information. I know it's late on a Friday night but the sooner we could get something, the better ☺ but we'll coordinate with you on this item on whatever you need to do. Keep me posted on how this is going on your end.

It was great "meeting" you both; we appreciate the your assistance! Suzanne, I'll get in touch with you to talk about subsequent coordination and IA amendments as needed.

Regards, Gina

Gina Cristiano

Emergency Response & Planning Coordinator

EPA Region 8

303-312-6688

**From:** Kimbrough, Robert [mailto:[rakimbro@usgs.gov](mailto:rakimbro@usgs.gov)]  
**Sent:** Friday, August 07, 2015 5:02 PM  
**To:** Suzanne Paschke  
**Cc:** Cristiano, Gina  
**Subject:** Re: WA with USGS - Re: Animas spill

Hi Gina,  
I just left you a voice mail. Let me know how we can assist you.  
Thanks,  
Bob

On Aug 7, 2015 4:51 PM, "Suzanne Paschke" <[spaschke@usgs.gov](mailto:spaschke@usgs.gov)> wrote:

Hoping you two have connected. Thanks.

Sent from my iPhone

On Aug 7, 2015, at 15:58, Cristiano, Gina <[Cristiano.Gina@epa.gov](mailto:Cristiano.Gina@epa.gov)> wrote:

Gina Cristiano  
Emergency Response & Planning Coordinator  
EPA Region 8  
303-312-6688

**From:** Cristiano, Gina  
**Sent:** Friday, August 07, 2015 3:58 PM  
**To:** [spaschke@usgs.gov](mailto:spaschke@usgs.gov)'  
**Subject:** FW: WA with USGS - Re: Animas spill

Hello Suzanne,

My email...

**From:** Ostrander, David  
**Sent:** Friday, August 07, 2015 3:40 PM  
**To:** Dhieux, Joyel  
**Cc:** McComb, Martin; Cristiano, Gina; Myers, Craig; Sandoval, Joni; Stevenson, Peter  
**Subject:** Re: WA with USGS - Re: Animas spill

Sent from my iPhone

On Aug 7, 2015, at 3:03 PM, Dhieux, Joyel <[Dhieux.Joyel@epa.gov](mailto:Dhieux.Joyel@epa.gov)> wrote:

A nice offer for help, if we need it.

Joyel R. Dhieux

Federal On-Scene Coordinator

U.S. Environmental Protection Agency

Ph: 303-312-6647

Cell: 720-441-9961

Begin forwarded message:

**From:** "Fagen, Elizabeth" <[Fagen.Elizabeth@epa.gov](mailto:Fagen.Elizabeth@epa.gov)>  
**Date:** August 7, 2015 at 2:59:41 PM MDT  
**To:** "Dhieux, Joyel" <[Dhieux.Joyel@epa.gov](mailto:Dhieux.Joyel@epa.gov)>  
**Cc:** "Wharton, Steve" <[Wharton.Steve@epa.gov](mailto:Wharton.Steve@epa.gov)>

**Subject: WA with USGS - Re: Animas spill**

Hi Joyel,

I wanted to forward this offer from the USGS on help with sampling. They also called and left a message offering assistance in NM and Utah.

Liz

Liz Fagen, P.E.

Environmental Engineer

US EPA Superfund Project Manager

(303) 312-6095

EPA Region 8

1595 Wynkoop St., Denver, CO 80202

**From:** Schmidt, Andrew  
**Sent:** Friday, August 07, 2015 11:52 AM  
**To:** Fagen, Elizabeth  
**Subject:** FW: Animas spill

Liz,

As per my voicemail, please see below...

AS

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*Andrew P. Schmidt, P.G.*  
*Regional Hydrogeologist*  
*US EPA Region 8, 8EPR-S*  
*1595 Wynkoop St.*  
*Denver, CO 80202*  
*303.312.6283*

*Please consider the environment before printing this email.*

**From:** Paschke, Suzanne [mailto:[spaschke@usgs.gov](mailto:spaschke@usgs.gov)]  
**Sent:** Friday, August 07, 2015 9:34 AM  
**To:** Schmidt, Andrew; Schmittiel, Paula  
**Cc:** Coursen, Robin; Robert Kimbrough; David Mau; David Susong; Max Ethridge; Katie Walton-Day; Trude Ridley  
**Subject:** Animas spill

Hi Andrew and Paula,

I left a voice mail for Andrew and also wanted to contact Paula and Robin to let you know we are available to assist EPA in response to the mine-waste spill in the Animas River. The CO water science center, our water science centers in New Mexico and Utah, and the crustal imaging center are willing and able to assist.

For example, our Utah WSC already has August sampling plans for Lake Powell.

Please let us know how we can help. Would you be interested in participating in a call with center directors?

Thank you,

Suzanne

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Suzanne S. Paschke, Ph.D.

Associate Director for Hydrologic Studies

USGS Colorado Water Science Center

Denver Federal Center MS 415

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[spaschke@usgs.gov](mailto:spaschke@usgs.gov)